

SIMPLY CLEAN™ RECESSED FIXTURES SC4

Simply Clean™ SC4 channel lets you build custom recessed fixtures with our RibbonLyte products. Display stunning seamless continuous lines of light flush to new or existing drywall or gypsum walls and ceilings.

- 2.5 in. (63.4 mm) wide by 0.63 in. (15.9 mm) deep
- Beam angle: 110°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 12 W/ft (39.4 W/m)
- Static White delivered lumen range from 44 lm/ft (145 lm/m) up to 1246 lm/ft (4087 lm/m)
- Milky or Black lens
- For interior applications only



HOUSING FINISHES



Silver

LENS FINISHES



Milky Lens

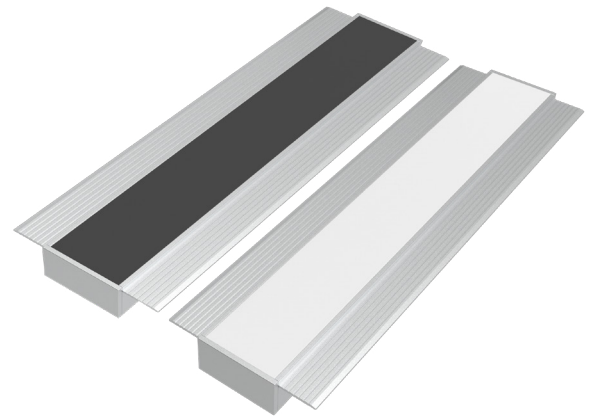
75% Light Transmission



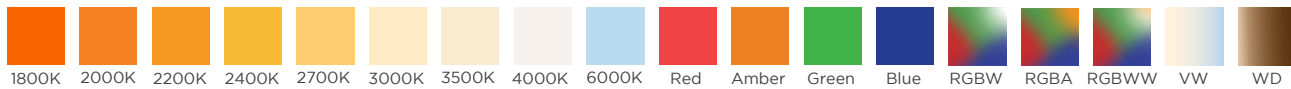
Black Lens**

70% Light Transmission

**Our black lens offers great diffusion and helps hide fixtures that aren't in use.

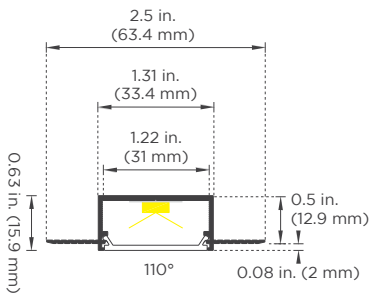


AVAILABLE COLORS & COLOR TEMPERATURES



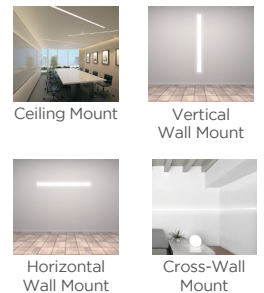
DIMENSIONS

SC4 Channel



Width: 2.5 in. (63.4 mm)
Height: 0.63 in. (15.9 mm)
Internal Width: 1.22 in. (31 mm)
Internal Height: 0.5 in. (12.9 mm)

MOUNTING OPTIONS:



Note: This channel does not require mounting clips. Please see our installation guide for instructions.

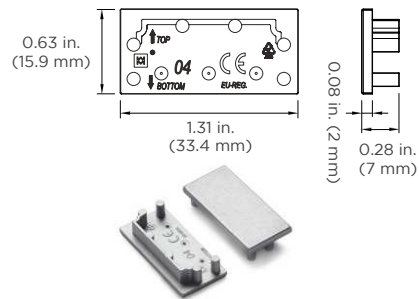
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SPECIFICATIONS

| | |
|--------------------------------|--|
| Beam Angle | 110° |
| Lens Type | Milky Lens, Black Lens |
| Length | Channel is sold by the foot and cut to your exact desired length |
| Operating Voltage | 24V |
| Dimming | MLV / 0-10 Volt / ELV / DALI / DMX |
| Operating Temperature | -40° F to 158° F (-40° C to 70° C) |
| Colors | 1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGBA, RGBW, RGBWW, VW, RGBW Addressable, Warm Dim (1800K, 2000K, 2200K only available in IP20) |
| CRI | 90+ CRI (Static white only) |
| Lamp Life | L70 at 50,000 Hours |
| MacAdam Ellipses (SDCM) | 2-Step Binning (For Static White LEDs only) |
| Certifications | UL Listed UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaries; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant |

ACCESSORIES

End Cap



STEP 1 Complete Channel Part Number

| CHANNEL | LENS | HOUSING COLOR |
|---------------------|-----------------------------------|---------------|
| CHSC4 | | SV |
| CHSC4 - SC4 Channel | M - Milky Lens BK - Black Lens | SV - Silver |

STEP 2 Complete RibbonLyte Part Number

| CATEGORY | CRI | RIBBON TYPE & IP RATING | | |
|-----------------|----------------------------------|---------------------------------------|---|---------------------------|
| RB | | | | |
| RB - RibbonLyte | 0 - Static Color, Color Changing | LINEA20 - Linea RibbonLyte IP20 | RGBW20 - RGBWW 5-in-1 IP20 | VWS220 - VW Series 2 IP20 |
| | 90 - 90+ CRI Static White | SWS220 - Static White Series 2 IP20 | RGBWS220 - RGBW Series 2 IP20 | VWS265 - VW Series 2 IP65 |
| | | SWS265 - Static White Series 2 IP65 | RGBWS265 - RGBW Series 2 IP65 | VWS268 - VW Series 2 IP68 |
| | | SWS268 - Static White Series 2 IP68 | RGBWS268 - RGBW Series 2 IP68 | WD20 - Warm Dim IP20 |
| | | SWDR20 - Static White Double Row IP20 | RGBWADD - Addressable RGBW IP67 | WD65 - Warm Dim IP65 |
| | | SCS220 - Static Color Series 2 IP20 | RGBWADR20 - RGBW/A Double Row IP20 | WD68 - Warm Dim IP68 |
| | | SCS265 - Static Color Series 2 IP65 | VWDR20 - Variable White Double Row IP20 | |
| | | SCS268 - Static Color Series 2 IP68 | | |

NOTE: To ensure waterproofing standards are met, IP65, IP67, and IP68 RibbonLyte can NOT be cut in the field.

WATTAGE

- 0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)
- 1.0 - 1.0 W/ft (3.3 W/m - Variable White)
- 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)
- 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)
- 2.4 - 2.4 W/ft (8 W/m - Static White Linea)
- 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White, RGBW, RGBA)
- 4.3 - 4.3 W/ft (14 W/m - Static White Linea)
- 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)
- 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)
- 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)
- 5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)
- 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White, RGBW, RGBA, RGBW Addressable)
- 6.1 - 6.1 W/ft (20 W/m - Variable White Linea)
- 8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBWW, RGBA)
- 12.0 - 12.0 W/ft (39.4 W/m - Static White, Variable White, RGBW, RGBA)

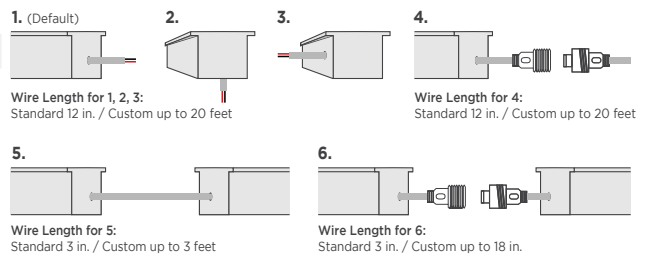
COLOR

- 18 - 1800K VW - Variable White
 - 20 - 2000K RGB27 - Red, Green, Blue + 2700K
 - 22 - 2200K RGB30 - Red, Green, Blue + 3000K
 - 24 - 2400K RGB40 - Red, Green, Blue + 4000K
 - 27 - 2700K RGB2465 - Red, Green, Blue + 2400K + 6500K
 - 30 - 3000K RGBA - Red, Green, Blue + Amber
 - 35 - 3500K RGBW30 - RGB + 3000K Addressable
 - 40 - 4000K RGBW40 - RGB + 4000K Addressable
 - 60 - 6000K RGBW60 - RGB + 6000K Addressable
 - R - Red 2920 - Warm Dim 2900K - 2000K (IP20)
 - A - Amber 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
 - G - Green
 - B - Blue Z - Undecided**
- ** For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

- 1 - End Feed Bare Wire Connection
- 2 - Back Feed Bare Wire Connection
- 3 - Side Feed Bare Wire Connection
- 4 - End Feed with IP67 Male Coupler
- 5 - Soldered Daisy Chain
- 6 - Daisy Chain With IP67 Couplers

Custom Length (ft.)



RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattage | Cutttable Length | LED Pitch | Color Temp. | lm/W without Lens | Delivered Lumens with Milky Lens (lm/ft / lm/m) | Delivered Lumens with Black Lens (lm/ft / lm/m) | Max Length | Compatible with Channel | | |
|----------------------------|-------------------|-------------------------|-------------|-------------------|---|---|---|-------------------------|------|------|
| | | | | | | | | IP20 | IP65 | IP68 |
| 0.75 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 84 | 47 / 155 | 44 / 145 | IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 99 | 56 / 183 | 52 / 171 | | | | |
| | | | 2200K | 109 | 61 / 201 | 57 / 188 | | | | |
| | | | 2400K | 113 | 64 / 209 | 59 / 195 | | | | |
| | | | 2700K | 123 | 69 / 227 | 65 / 212 | | | | |
| | | | 3000K | 123 | 69 / 227 | 65 / 212 | | | | |
| | | | 3500K | 130 | 73 / 240 | 68 / 224 | | | | |
| | | | 4000K | 134 | 75 / 247 | 70 / 231 | | | | |
| | | | 6000K | 131 | 74 / 242 | 69 / 226 | | | | |
| 1.5 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 84 | 95 / 310 | 88 / 289 | IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 98 | 110 / 362 | 103 / 338 | | | | |
| | | | 2200K | 109 | 123 / 402 | 114 / 375 | | | | |
| | | | 2400K | 113 | 127 / 417 | 119 / 389 | | | | |
| | | | 2700K | 123 | 138 / 454 | 129 / 424 | | | | |
| | | | 3000K | 123 | 138 / 454 | 129 / 424 | | | | |
| | | | 3500K | 129 | 145 / 476 | 135 / 444 | | | | |
| | | | 4000K | 134 | 151 / 495 | 141 / 462 | | | | |
| | | | 6000K | 131 | 147 / 484 | 138 / 451 | | | | |
| 2.2 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 83 | 137 / 449 | 128 / 419 | IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 96 | 158 / 520 | 148 / 485 | | | | |
| | | | 2200K | 106 | 175 / 574 | 163 / 536 | | | | |
| | | | 2400K | 111 | 183 / 601 | 171 / 561 | | | | |
| | | | 2700K | 120 | 198 / 650 | 185 / 606 | | | | |
| | | | 3000K | 122 | 201 / 660 | 188 / 616 | | | | |
| | | | 3500K | 127 | 210 / 687 | 196 / 642 | | | | |
| | | | 4000K | 133 | 219 / 720 | 205 / 672 | | | | |
| | | | 6000K | 128 | 211 / 693 | 197 / 647 | | | | |
| 3.0 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 84 | 189 / 620 | 176 / 579 | IP20: 36 ft (11 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 98 | 221 / 723 | 206 / 675 | | | | |
| | | | 2200K | 108 | 243 / 797 | 227 / 744 | | | | |
| | | | 2400K | 109.8 | 247 / 811 | 231 / 756 | | | | |
| | | | 2700K | 122.9 | 277 / 907 | 258 / 847 | | | | |
| | | | 3000K | 130 | 293 / 960 | 273 / 896 | | | | |
| | | | 3500K | 133 | 299 / 982 | 279 / 916 | | | | |
| | | | 4000K | 133 | 299 / 982 | 279 / 916 | | | | |
| | | | 6000K | 128 | 288 / 945 | 269 / 882 | | | | |
| 4.4 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 81 | 267 / 877 | 249 / 818 | 28 ft 4 in. (8.64 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 95 | 314 / 1029 | 293 / 960 | | | | |
| | | | 2200K | 105 | 347 / 1137 | 323 / 1061 | | | | |
| | | | 2400K | 109 | 360 / 1180 | 336 / 1101 | | | | |
| | | | 2700K | 122 | 403 / 1321 | 376 / 1233 | | | | |
| | | | 3000K | 129 | 426 / 1397 | 397 / 1304 | | | | |
| | | | 3500K | 132 | 436 / 1429 | 407 / 1334 | | | | |
| | | | 4000K | 132 | 436 / 1429 | 407 / 1334 | | | | |
| | | | 6000K | 126 | 416 / 1364 | 388 / 1273 | | | | |
| 5.0 Static White Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 1800K | 83 | 311 / 1021 | 291 / 953 | IP20: 33 ft 4 in. (10.1 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 98 | 368 / 1206 | 343 / 1125 | | | | |
| | | | 2200K | 107 | 401 / 1316 | 375 / 1229 | | | | |
| | | | 2400K | 110 | 412 / 1351 | 384 / 1261 | | | | |
| | | | 2700K | 123 | 461 / 1512 | 430 / 1411 | | | | |
| | | | 3000K | 130 | 488 / 1599 | 455 / 1493 | | | | |
| | | | 3500K | 133 | 499 / 1636 | 466 / 1527 | | | | |
| | | | 4000K | 133 | 499 / 1636 | 466 / 1527 | | | | |
| | | | 6000K | 127 | 476 / 1562 | 445 / 1458 | | | | |
| 6.0 Static White Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 1800K | 82 | 369 / 1211 | 344 / 1130 | 28 ft (8.5 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 95 | 428 / 1403 | 399 / 1309 | | | | |
| | | | 2200K | 106 | 477 / 1565 | 445 / 1461 | | | | |
| | | | 2400K | 109 | 491 / 1609 | 458 / 1502 | | | | |
| | | | 2700K | 122 | 549 / 1801 | 512 / 1681 | | | | |
| | | | 3000K | 129 | 581 / 1905 | 542 / 1778 | | | | |
| | | | 3500K | 132 | 594 / 1949 | 554 / 1819 | | | | |
| | | | 4000K | 132 | 594 / 1949 | 554 / 1819 | | | | |
| | | | 6000K | 126 | 567 / 1860 | 529 / 1736 | | | | |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages | Cutttable Length | LED Pitch | Color Temp. | lm/W without Lens | Delivered Lumens with Milky Lens (lm/ft / lm/m) | Delivered Lumens with Black Lens (lm/ft / lm/m) | Max Length | Compatible with Channel | | |
|------------------------------|-------------------|--------------------------|-------------|-------------------|---|---|---|-------------------------|------|------|
| | | | | | | | | IP20 | IP65 | IP68 |
| 3.0 Static White Double Row | 0.7 in. (17.9 mm) | 136 LEDs/ft (448 LEDs/m) | 1800K | 73 | 202 / 662 | 153 / 504 | 65 ft 7 in. (20 m) | ✓ | N/A | N/A |
| | | | 2000K | 86 | 238 / 781 | 181 / 595 | | | | |
| | | | 2200K | 94 | 260 / 853 | 198 / 649 | | | | |
| | | | 2400K | 97 | 267 / 877 | 203 / 667 | | | | |
| | | | 2700K | 109 | 301 / 989 | 229 / 752 | | | | |
| | | | 3000K | 118 | 326 / 1069 | 248 / 813 | | | | |
| | | | 3500K | 119 | 328 / 1077 | 250 / 819 | | | | |
| | | | 4000K | 118 | 326 / 1069 | 248 / 813 | | | | |
| 6.0 Static White Double Row | 0.7 in. (17.9 mm) | 136 LEDs/ft (448 LEDs/m) | 1800K | 73 | 403 / 1324 | 307 / 1007 | 39 ft (12 m) | ✓ | N/A | N/A |
| | | | 2000K | 86 | 476 / 1563 | 362 / 1189 | | | | |
| | | | 2200K | 94 | 520 / 1707 | 396 / 1298 | | | | |
| | | | 2400K | 97 | 535 / 1754 | 407 / 1335 | | | | |
| | | | 2700K | 109 | 603 / 1978 | 459 / 1505 | | | | |
| | | | 3000K | 118 | 651 / 2137 | 496 / 1626 | | | | |
| | | | 3500K | 119 | 656 / 2153 | 499 / 1638 | | | | |
| | | | 4000K | 118 | 651 / 2137 | 496 / 1626 | | | | |
| 12.0 Static White Double Row | 0.7 in. (17.9 mm) | 136 LEDs/ft (448 LEDs/m) | 1800K | 69 | 766 / 2513 | 583 / 1912 | 26 ft 3 in. (8 m) | ✓ | N/A | N/A |
| | | | 2000K | 82 | 904 / 2967 | 688 / 2257 | | | | |
| | | | 2200K | 89 | 987 / 3239 | 751 / 2465 | | | | |
| | | | 2400K | 92 | 1015 / 3330 | 772 / 2534 | | | | |
| | | | 2700K | 104 | 1144 / 3754 | 871 / 2856 | | | | |
| | | | 3000K | 112 | 1236 / 4057 | 941 / 3087 | | | | |
| | | | 3500K | 113 | 1246 / 4087 | 948 / 3110 | | | | |
| | | | 4000K | 112 | 1236 / 4057 | 941 / 3087 | | | | |
| 0.75 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 41 | 23 / 76 | 22 / 71 | IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 175 | 98 / 323 | 92 / 301 | | | | |
| | | | Blue | 19 | 11 / 35 | 10 / 33 | | | | |
| | | | Amber | 34 | 19 / 63 | 18 / 59 | | | | |
| 1.5 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 42 | 47 / 155 | 44 / 145 | IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 160 | 180 / 591 | 168 / 551 | | | | |
| | | | Blue | 18 | 20 / 66 | 19 / 62 | | | | |
| | | | Amber | 34 | 38 / 125 | 36 / 117 | | | | |
| 2.2 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 42 | 69 / 227 | 65 / 212 | IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 145 | 239 / 785 | 223 / 733 | | | | |
| | | | Blue | 18 | 30 / 97 | 28 / 91 | | | | |
| | | | Amber | 34 | 56 / 184 | 52 / 172 | | | | |
| 3.0 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 40 | 90 / 295 | 84 / 267 | 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 127 | 286 / 937 | 267 / 875 | | | | |
| | | | Blue | 25 | 56 / 185 | 53 / 172 | | | | |
| | | | Amber | 29 | 65 / 214 | 61 / 200 | | | | |
| 4.4 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 38 | 125 / 411 | 117 / 384 | 29 ft (8.8 m) | ✓ | ✓ | ✓ |
| | | | Green | 117 | 386 / 1267 | 360 / 1182 | | | | |
| | | | Blue | 24 | 79 / 260 | 74 / 243 | | | | |
| | | | Amber | 25 | 83 / 271 | 77 / 253 | | | | |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages | Cutttable Length | LED Pitch | Color Temp. | lm/W without Lens | Delivered Lumens with Milky Lens (lm/ft / lm/m) | Delivered Lumens with Black Lens (lm/ft / lm/m) | Max Length | Compatible with Channel | | |
|--------------------------------|---------------------|--------------------------|---------------|-------------------|---|---|---|-------------------------|------|------|
| | | | | | | | | IP20 | IP65 | IP68 |
| 5.0 Static Color Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | Red | 37 | 139 / 455 | 130 / 425 | 30 ft (9.14 m) | ✓ | ✓ | ✓ |
| | | | Green | 116 | 435 / 1427 | 406 / 1332 | | | | |
| | | | Blue | 24 | 90 / 295 | 84 / 276 | | | | |
| | | | Amber | 26 | 98 / 320 | 91 / 299 | | | | |
| 6.0 Static Color Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | Red | 37 | 167 / 546 | 155 / 510 | 28 ft (8.5 m) | ✓ | ✓ | ✓ |
| | | | Green | 113 | 509 / 1668 | 475 / 1557 | | | | |
| | | | Blue | 23 | 104 / 340 | 97 / 317 | | | | |
| | | | Amber | 24 | 108 / 354 | 101 / 331 | | | | |
| 2.4 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 67 | 120.8 / 396 | 112.7 / 369.6 | 21.3 ft (6.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 71 | 127.5 / 419.3 | 119 / 391.3 | | | | |
| | | | 3500K | 83 | 149.3 / 490.5 | 139.3 / 457.8 | | | | |
| | | | 4000K | 83 | 149.3 / 490.5 | 139.3 / 457.8 | | | | |
| 3.0 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 66 | 148.5 / 487.5 | 138.6 / 455 | 21.3 ft (6.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 73 | 164.3 / 539.3 | 153.3 / 503.3 | | | | |
| | | | 3500K | 78 | 175.5 / 576 | 163.8 / 537.6 | | | | |
| | | | 4000K | 83 | 186.8 / 612.8 | 174.3 / 571.9 | | | | |
| 4.3 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 75 | 242.3 / 793.5 | 226.1 / 740.6 | 24.6 ft (7.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 78 | 251.3 / 825 | 234.5 / 770 | | | | |
| | | | 3500K | 86 | 277.5 / 910.5 | 259 / 849.8 | | | | |
| | | | 4000K | 86 | 277.5 / 910.5 | 259 / 849.8 | | | | |
| 6.1 Variable White Linea | 1.09 in. (27.78 mm) | 175 LEDs/ft (576 LEDs/m) | 2700K + 6500K | 95 | 435 / 427.3 | 406 / 332.1 | 16.4 ft (5 m) | ✓ | N/A | N/A |
| 1.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 85 | 64 / 209 | 60 / 195 | 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| 3.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 80 | 180 / 591 | 168 / 551 | 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| 6.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 75 | 338 / 1107 | 315 / 1033 | 19 ft 8 in. (6 m) | ✓ | ✓ | ✓ |
| 3.0 Variable White Double Row | 1.97 in. (50 mm) | 84 LEDs/ft (280 LEDs/m) | 2000K + 6500K | 87 | 240 / 788 | 183 / 599 | 65 ft 7 in. (20 m) | ✓ | N/A | N/A |
| 6.0 Variable White Double Row | 1.97 in. (50 mm) | 84 LEDs/ft (280 LEDs/m) | 2000K + 6500K | 82 | 453 / 1485 | 344 / 1130 | 45 ft 11 in. (14 m) | ✓ | N/A | N/A |
| 12.0 Variable White Double Row | 1.97 in. (50 mm) | 84 LEDs/ft (280 LEDs/m) | 2000K + 6500K | 71 | 784 / 2572 | 596 / 1957 | 22 ft 11 in. (7 m) | ✓ | N/A | N/A |
| 4.4 RGBW Series 2 | 1.97 in. (50 mm) | 36 LEDs/ft (120 LEDs/m) | RGBW | 45 | 148.5 / 487.2 | 138.6 / 454.7 | 19 ft 8 in. (6 m) | ✓ | N/A | N/A |
| 5.5 RGBW Series 2 | 1.97 in. (50 mm) | 36 LEDs/ft (120 LEDs/m) | RGBW | 59 | 243.3 / 798.5 | 227.2 / 745.3 | IP65: 16 ft 4 in. (5 m) IP 68: 19 ft 7.9 in. (6 m) | N/A | ✓ | ✓ |
| 8.8 RGBW Series 2 | 1.97 in. (50 mm) | 36 LEDs/ft (120 LEDs/m) | RGBW | 61 | 402.6 / 1320.9 | 375.8 / 1232.9 | 16 ft 4 in. (5 m) | ✓ | N/A | N/A |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages | Cuttable Length | LED Pitch | Color Temp. | lm/W without Lens | Delivered Lumens with Milky Lens (lm/ft / lm/m) | Delivered Lumens with Black Lens (lm/ft / lm/m) | Max Length | Compatible with Channel | | |
|----------------------|--------------------|-------------------------|-------------|-------------------|---|---|-------------------------|-------------------------|------|--------|
| | | | | | | | | IP20 | IP65 | IP68 |
| 3.0 RGBW Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBW | 91 | 251 / 824 | 191 / 627 | 26 ft 3 in. (8 m) | ✓ | N/A | N/A |
| 3.0 RGBA Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBA | 78 | 251 / 824 | 191 / 627 | 26 ft 3 in. (8 m) | ✓ | N/A | N/A |
| 6.0 RGBW Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBW | 91 | 502 / 1648 | 382 / 1254 | 22 ft 11 in. (7 m) | ✓ | N/A | N/A |
| 6.0 RGBA Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBA | 80 | 502 / 1648 | 382 / 1254 | 22 ft 11 in. (7 m) | ✓ | N/A | N/A |
| 12.0 RGBW Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBW | 79 | 872 / 2862 | 664 / 2177 | 14 ft 9 in. (4.5 m) | ✓ | N/A | N/A |
| 12.0 RGBA Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBA | 75 | 872 / 2862 | 664 / 2177 | 14 ft 9 in. (4.5 m) | ✓ | N/A | N/A |
| 4.4 5-in-1 RGBWW | 2.46 in. (62.5 mm) | 29 LED/ft (96 LED/m) | RGBWW | 59 | 194.7 / 638.8 | 181.7 / 596.2 | 16 ft 4 in (5 m) | ✓ | N/A | N/A |
| 8.8 5-in-1 RGBWW | 2.46 in. (62.5 mm) | 29 LED/ft (96 LED/m) | RGBWW | 50 | 330.0 / 1082.7 | 308.0 / 1010.5 | 11 ft 6 in (3.5 m) | ✓ | N/A | N/A |
| RGBW Addressable | 3.94 in. (100 mm) | 18 LEDs/ft (60 LEDs/m) | Red | 33.5 | 23.5 / 77 | 23.5 / 77 | 16 ft 5.64 in. (5.02 m) | N/A | N/A | ✓ IP67 |
| | | | Green | 82 | 57.4 / 188.3 | 57.4 / 188.3 | | | | |
| | | | Blue | 15.5 | 10.8 / 35.6 | 10.8 / 35.6 | | | | |
| | | | White | 103 | 72.1 / 236.6 | 72.1 / 236.6 | | | | |
| | | | All | 40 | 169.5 / 556.1 | 169.5 / 556.1 | | | | |
| 5.2 Warm Dim | 3.94 in. (100 mm) | 36 LEDs/ft (120 LEDs/m) | Warm Dim | 55 | 215 / 704 | 200.2 / 657 | 16 ft 4 in. (5 m) | ✓ | ✓ | ✓ |

DIODE VISIBILITY CHART (Data below applies to installations with Milky lens only)

|  No Visible Diode = N Note: Linea RibbonLyte has no visible diode | | | | |  With Visible Diode = Y | | | | | | | | | | |
|--|----------------------|----------------------|--------------------|-----------------|--|-------------------|-------------------|--------------------------------|----------------------|----------|-------------------------|-----------------------------------|--------------------------------|------------------|------|
| Static White & Static Color RibbonLyte | | | Static White | | Color Changing RibbonLyte | | | | | | | | | | |
| 0.75/1.5/2.2 | 3.0/4.4 | 5.0/6.0 | 3.0/6.0 Double Row | 12.0 Double Row | 4.4 RGBW Series 2 | 5.5 RGBW Series 2 | 8.8 RGBW Series 2 | 3.0/6.0/12.0 RGBW/A Double Row | 4.4/8.8 5-in-1 RGBWW | Warm Dim | Variable White Series 2 | 3.0/6.0 Variable White Double Row | 12.0 Variable White Double Row | RGBW Addressable | |
| IP20 IP65 IP68 | IP20 IP65 IP68 | IP20 IP65 IP68 | IP20 | IP20 | IP20 | IP65 IP68 | IP20 | IP20 | IP20 | IP20 | IP20 IP65 IP68 | IP20 IP65 IP68 | IP20 | IP20 | IP67 |
| Y | N | N | Y | N | N | N | N | N | Y | N | N | Y | N | N | |

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS

ELV & MLV DRIVERS



30W, 60W, 96W
Non-Dimming Electronic
Class 2 Drivers

Part No.:
• DRVW2430 (30 Watt)
• DRVW2460 (60 Watt)
• DRVW2496 (96 Watt)
Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
UL Listed



240W, 320W
Non-Dimming
Electronic Drivers

Part No.:
• DRVW24240 (240 Watt)
• DRVW24320 (320 Watt)
Output Voltage: 24 V
Voltage Range: 90-305 VAC
IP Rating: Dry or Damp
UL Recognized



60W, 96W, 150W, 300W, 600w_test
ELV/MLV Dimmable Drivers

Part No.:
• DRVW2460ELVMLV (60 Watt)
• DRVW2496ELVMLV (96 Watt)
• DRVW24150ELVMLV (150 Watt)
• DRVW24300ELVMLV (300 Watt)
Line Voltage Dimmable Drivers
Output Voltage: 24 V
Voltage Range: 100-277 VAC
IP Rating: IP67
UL, CE, and CSA Listed

0-10V DRIVERS



0-10V Dimmable Waterproof Drivers

96W Part No.: DRVW249610P
288W Part No.: DRVW2428810P
Output Voltage: 24 V (+/- 0.5V)
Voltage Range: 100-277 VAC
Environmental Rating: UL Wet Location
UL Listed



0-10V Dimmable 90W VW/WD Driver

Part No.: DRVRFWDVW2490120

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



GLASS TOUCH WALL CONTROLLERS
Part Number: AWCRGBWBK
AWCVWBK



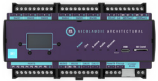
1 ZONE WALL CONTROLLER
Part Number: DMXCTRLG



5 ZONE WALL CONTROLLER
Part Number: DMXCTRL



10 ZONE WALL CONTROLLER
Part Number: DMXCTRLD



2 UNIVERSE DMX CONTROLLER
Part Number: DMXCTRLDR2U



4 CHANNEL WATERPROOF DMX INTERFACE
Part Number: DMXINFWLCD4



5 CHANNEL DMX INTERFACE
Part Number: DMXINFOLED5



DMX OPTO SPLITTER
Part Number: DMXOS8

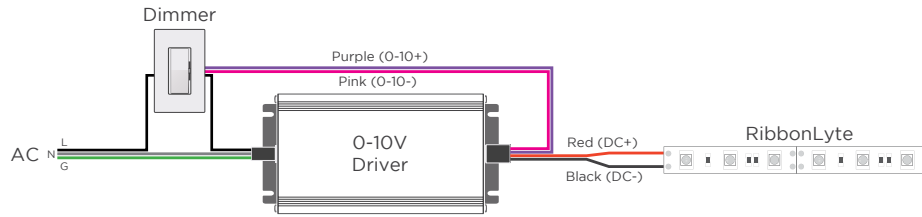
6 UNIVERSE DMX CONTROLLER
Part Number: DMXCTRLDR6U

DRIVER AND RIBBONLYTE AT FULL LOAD

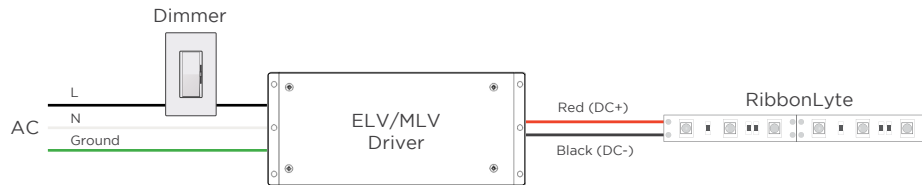
| Wattages | 30 | | 60 | | 96 | | 150 | | 200 | | 240 | | 300 | | 320 | | |
|-------------------------------|------------|--------|--------|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| | Wire Gauge | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 24 AWG / 0.25 mm ² | 14 | 4.27 | 9 | 2.74 | 5.5 | 1.68 | 3.75 | 1.14 | 2.75 | 0.84 | 2.25 | 0.69 | 1.75 | 0.53 | 1.75 | 0.53 | 0.53 |
| 22 AWG / 0.34 mm ² | 22 | 6.71 | 14 | 4.27 | 9 | 2.74 | 5.75 | 1.75 | 4.5 | 1.37 | 3.5 | 1.07 | 2.75 | 0.84 | 2.75 | 0.84 | 0.84 |
| 20 AWG / 0.5 mm ² | 35 | 10.67 | 23 | 7.01 | 14 | 4.27 | 9 | 2.74 | 7 | 2.13 | 5.75 | 1.75 | 4.5 | 1.37 | 4.25 | 1.30 | 1.30 |
| 18 AWG / 0.75 mm ² | 56 | 17.07 | 37 | 11.28 | 23 | 7.01 | 15 | 4.57 | 11 | 3.35 | 9 | 2.74 | 7.5 | 2.29 | 7 | 2.13 | 2.13 |
| 16 AWG / 1.5 mm ² | 90 | 27.44 | 60 | 18.29 | 37 | 11.28 | 24 | 7.32 | 18 | 5.49 | 15 | 4.57 | 12 | 3.66 | 11 | 3.35 | 3.35 |
| 14 AWG / 2.5 mm ² | 142 | 43.29 | 95 | 28.96 | 59 | 17.99 | 38 | 11.59 | 28 | 8.54 | 23 | 7.01 | 19 | 5.79 | 17 | 5.18 | 5.18 |
| 12 AWG / 4 mm ² | 226 | 68.90 | 151 | 46.04 | 94 | 28.66 | 60 | 18.29 | 45 | 13.72 | 37 | 11.28 | 30 | 9.15 | 28 | 8.54 | 8.54 |
| 10 AWG / 6 mm ² | 360 | 109.76 | 240 | 73.17 | 150 | 45.73 | 96 | 29.27 | 72 | 21.95 | 60 | 18.29 | 48 | 14.63 | 45 | 13.72 | 13.72 |
| 8 AWG / 10 mm ² | 574 | 175.00 | 381 | 116.16 | 239 | 72.87 | 153 | 46.65 | 115 | 35.06 | 95 | 28.96 | 76 | 23.17 | 71 | 21.65 | 21.65 |

WIRING DIAGRAMS

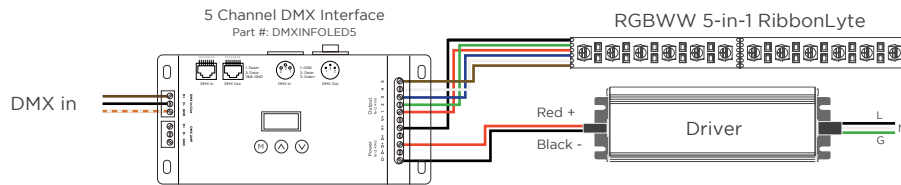
0-10V



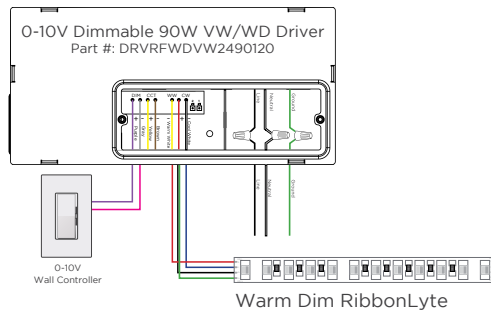
MLV / ELV



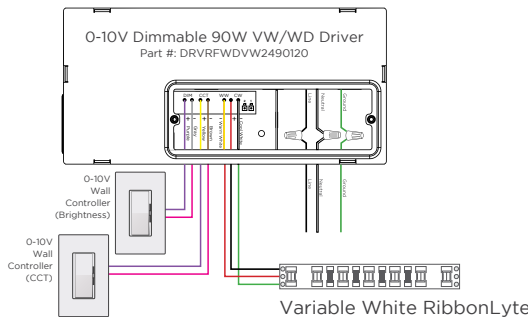
DMX



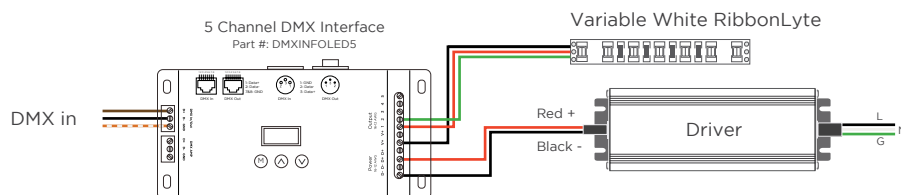
WARM DIM



2-CHANNEL VARIABLE WHITE DIMMING



DMX WIRING DIAGRAM - COMPATIBLE WITH ALL MODELS OF VARIABLE WHITE RIBBONLYTE



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR
Red Wire (+) Positive
Black Wire (-) Negative

RGBW + RGBA
Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

RGBWW
Black (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel 1
Brown Wire (-) goes to White Channel 2

WARM DIM
Red Wire (-) goes to Warm White Channel
Blue Wire (-) goes to Cool White Channel
Black Wire (+) goes to Warm White Channel
Green Wire (+) goes to Cool White Channel


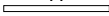



VARIABLE WHITE
Black Wire (+) Positive
Red Wire (-) goes to Warm White Channel
Green Wire (-) goes to Cool White Channel

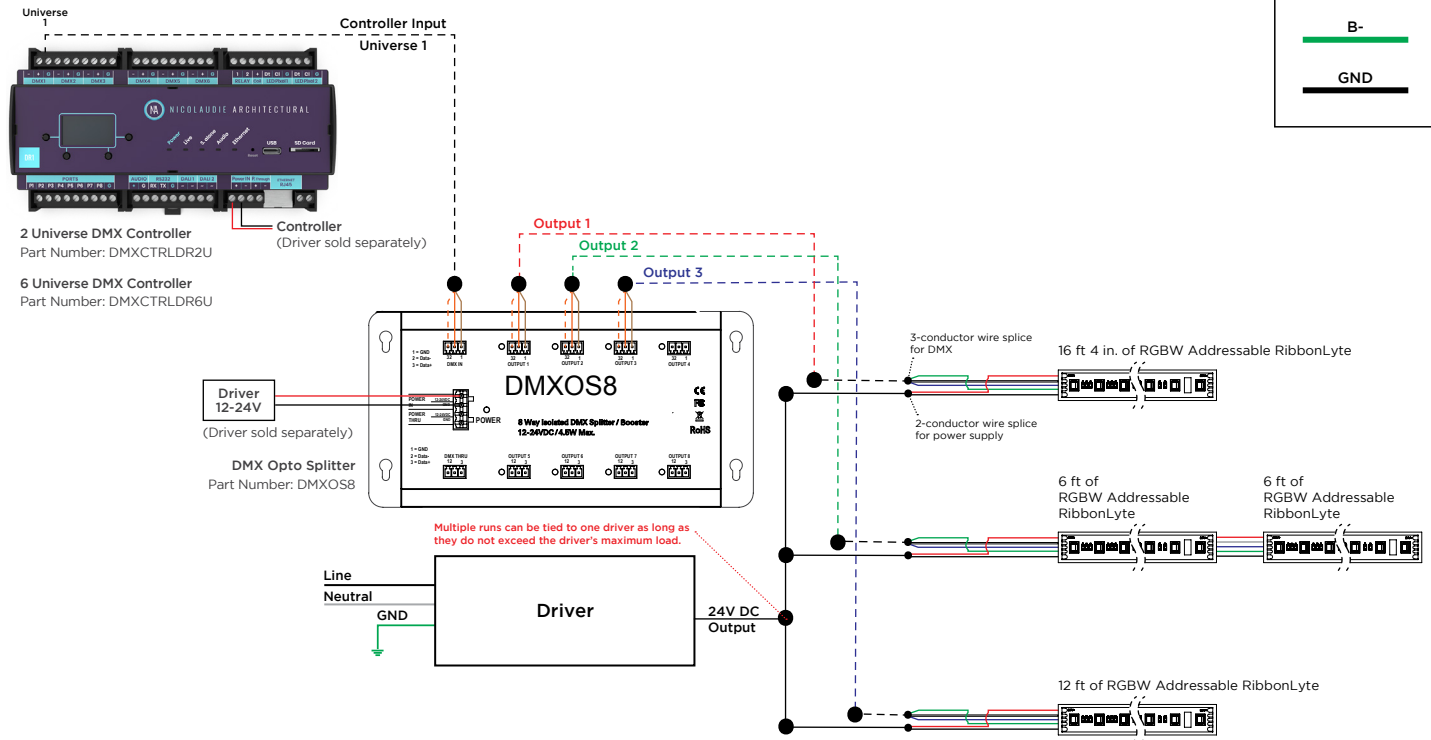
WIRING DIAGRAMS WITH RGBW ADDRESSABLE RIBBONLYTE

One DMX Universe consists of 128 addresses and 512 channels (42 ft, 8 in. of RibbonLyte).

Any single run of RibbonLyte that is less than 16 ft, 4 in. can be wired directly to the controller.

For additional runs, Opto Splitter must be used. Each individual run will need its own Opto Splitter output.

| WIRE INDEX | |
|------------|---|
| + |  |
| PI |  |
| A+ |  |
| B- |  |
| GND |  |



REV.24.JUL.2024

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